

**Abstract**

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[Problem] To obtain an authentication proxy method, a distribution management device to be proxy for authentication, etc. in which a user does not have to be aware of authentication in distribution of contents needing authentication.

[Means for Resolution] A distribution management device 22 for managing distribution of signals including data of contents to a mobile communication network 10 determines whether a contents providing server 31 on another communication network 30 has made a transmission request for a signal including authentication data in response to a distribution request for a signal including data of contents which request has been sent from a mobile terminal device 11 through the mobile communication network 10. When it is concluded that the transmission request has been made, the distribution management device 22 creates a signal including the authentication data for the mobile terminal device 11 and transmits the created signal to the contents providing server 31.